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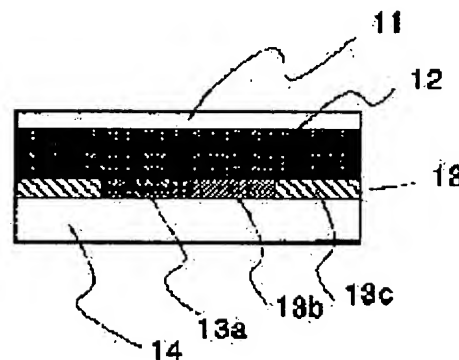
## (54) DATA RECORDING SHEET AND RECORDING DEVICE

## (57)Abstract:

**PURPOSE:** To enable the repeated recording of visualized color data by providing colored layers having the repeating units of the three primary colors and a variable transmission layer capable of reversibly controlling a light transmission state.

**CONSTITUTION:** A data recording sheet has a colored layer 13 having the repeating units of colored layers 13a-13c of the three primary colors and a variable transmission layer 12 capable of reversibly changing a light transmission state and a light non-transmission state with memory properties by heat or heat and the electric field and does not have an electrode pair of a form holding the variable transmission layer 12 such as a transparent electrode pair.

Therefore, the recording sheet is brought to an erasure state by uniformly heating the whole surface of the recording sheet by together using an electric field or without together using the same or by applying a uniform electric field to the recording sheet and the light transmission state of an arbitrary pixel is changed from the erasure state by using a thermal writing member capable of selectively heating a minute part to selectively develop or erase the color of the corresponding colored layer. As a result, a color image can be repeatedly recorded and erased relatively simply.



## LEGAL STATUS

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